Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050636.D
Acq On : 19 Oct 2021 15:46
Operator : CG/JU
Sample : M4224-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
515-ZMSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:54:02 PM

Quant Time: Oct 19 17:34:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.254	152	40245	20.00	ng		0.00
21) Naphthalene-d8	11.080	136	169710	20.00	ng		# 0.00
39) Acenaphthene-d10	14.875	164	113805	20.00	ng		0.00
64) Phenanthrene-d10	17.619	188	254502	20.00	ng		# 0.00
76) Chrysene-d12	21.920	240	223151	20.00	ng		# 0.00
86) Perylene-d12	25.328	264	223107	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.798	112	376914	140.06	ng		0.00
7) Phenol-d6	7.402	99	481384	123.56	ng		0.00
23) Nitrobenzene-d5	9.429	82	384658	93.83	ng		0.00
42) 2,4,6-Tribromophenol	16.362	330	163936	151.02	ng		0.00
45) 2-Fluorobiphenyl	13.501	172	691332	91.43	ng		0.00
79) Terphenyl-d14	20.205	244	1091779	95.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.665	88	57726	41.42	ng	#	12
3) Pyridine	4.076	79	130014	34.15	ng	#	90
4) n-Nitrosodimethylamine	3.982	42	88788	49.49	ng	#	46
6) Aniline	7.578	93	135314	29.89	ng		95
8) 2-Chlorophenol	7.813	128	146381	56.50	ng		87
9) Benzaldehyde	7.384	77	92721	37.43	ng		92
10) Phenol	7.425	94	180753	47.71	ng		85
11) bis(2-Chloroethyl)ether	7.666	93	151464	51.23	ng		85
12) 1,3-Dichlorobenzene	8.142	146	146627	49.02	ng		95
13) 1,4-Dichlorobenzene	8.289	146	147511	48.92	ng		96
14) 1,2-Dichlorobenzene	8.612	146	143061	49.67	ng		98
15) Benzyl Alcohol	8.489	79	172181	55.92	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.771	45	243455	50.49	ng		85
17) 2-Methylphenol	8.689	107	135034	54.17	ng		89
18) Hexachloroethane	9.347	117	57397	50.30	ng		94
19) n-Nitroso-di-n-propyla...	9.059	70	143413	50.50	ng	#	90
20) 3+4-Methylphenols	9.018	107	187740	53.51	ng		95
22) Acetophenone	9.082	105	243202	50.41	ng	#	97
24) Nitrobenzene	9.470	77	208853	51.23	ng		98
25) Isophorone	9.993	82	375303	51.61	ng	#	96
26) 2-Nitrophenol	10.187	139	83367	55.70	ng		93
27) 2,4-Dimethylphenol	10.228	122	145342	56.20	ng		94
28) bis(2-Chloroethoxy)met...	10.469	93	208020	50.03	ng		93
29) 2,4-Dichlorophenol	10.722	162	145267	55.11	ng		95
30) 1,2,4-Trichlorobenzene	10.939	180	145791	48.69	ng		94
31) Naphthalene	11.133	128	452732	49.84	ng		96
32) Benzoic acid	10.345	122	46398	24.17	ng	#	72
33) 4-Chloroaniline	11.239	127	32585	8.55	ng		97
34) Hexachlorobutadiene	11.403	225	89225	47.47	ng		93
35) Caprolactam	12.008	113	47298	46.89	ng	#	61
36) 4-Chloro-3-methylphenol	12.337	107	182085	55.27	ng	#	91
37) 2-Methylnaphthalene	12.719	142	327350	52.23	ng		94
38) 1-Methylnaphthalene	12.937	142	304036	50.02	ng		90
40) 1,2,4,5-Tetrachloroben...	13.078	216	164561	48.97	ng		97
41) Hexachlorocyclopentadiene	13.054	237	175504	90.36	ng		94
43) 2,4,6-Trichlorophenol	13.313	196	123620	52.20	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050636.D
Acq On : 19 Oct 2021 15:46
Operator : CG/JU
Sample : M4224-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 515-ZMSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:54:02 PM

Quant Time: Oct 19 17:34:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.383	196	134583	54.36	ng		92
46) 1,1'-Biphenyl	13.712	154	408205	49.18	ng		94
47) 2-Chloronaphthalene	13.759	162	326377	51.20	ng		98
48) 2-Nitroaniline	13.959	65	144617	57.04	ng		95
49) Acenaphthylene	14.599	152	544616	52.15	ng		97
50) Dimethylphthalate	14.323	163	464602	54.01	ng		99
51) 2,6-Dinitrotoluene	14.447	165	97567	56.63	ng		93
52) Acenaphthene	14.940	154	365851m	54.51	ng		
53) 3-Nitroaniline	14.776	138	53579	26.29	ng		93
54) 2,4-Dinitrophenol	14.981	184	78137	73.10	ng		92
55) Dibenzofuran	15.269	168	517381	49.85	ng		99
56) 4-Nitrophenol	15.075	139	154346	94.15	ng	#	80
57) 2,4-Dinitrotoluene	15.228	165	141369	58.21	ng		95
58) Fluorene	15.921	166	417598	52.38	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.492	232	112347	52.09	ng		96
60) Diethylphthalate	15.675	149	475442	52.60	ng		97
61) 4-Chlorophenyl-phenyle...	15.904	204	221363	50.75	ng		98
62) 4-Nitroaniline	15.939	138	109268	51.53	ng	#	66
63) Azobenzene	16.197	77	524090	50.09	ng		83
65) 4,6-Dinitro-2-methylph...	15.992	198	67060	43.87	ng		91
66) n-Nitrosodiphenylamine	16.121	169	375916	51.98	ng		97
67) 4-Bromophenyl-phenylether	16.797	248	132503	51.67	ng		98
68) Hexachlorobenzene	16.920	284	139192	54.61	ng		94
69) Atrazine	17.055	200	151690	53.25	ng		97
70) Pentachlorophenol	17.261	266	124671	71.85	ng		97
71) Phenanthrene	17.660	178	694590	51.79	ng		98
72) Anthracene	17.754	178	700112	52.53	ng		98
73) Carbazole	18.019	167	653414	49.19	ng		98
74) Di-n-butylphthalate	18.554	149	806405	51.73	ng	#	97
75) Fluoranthene	19.658	202	820583	49.78	ng		96
77) Benzidine	19.828	184	87519	12.10	ng		98
78) Pyrene	20.022	202	820168	51.80	ng		97
80) Butylbenzylphthalate	20.886	149	369473	55.17	ng		94
81) Benzo(a)anthracene	21.897	228	757389	51.29	ng		99
82) 3,3'-Dichlorobenzidine	21.803	252	150325	30.72	ng	#	97
83) Chrysene	21.967	228	732781	52.76	ng		96
84) Bis(2-ethylhexyl)phtha...	21.773	149	524390	55.11	ng		97
85) Di-n-octyl phthalate	23.048	149	887602	55.93	ng		96
87) Indeno(1,2,3-cd)pyrene	29.264	276	847914	54.57	ng	#	93
88) Benzo(b)fluoranthene	24.247	252	763113	55.85	ng	#	93
89) Benzo(k)fluoranthene	24.317	252	745667	55.47	ng	#	97
90) Benzo(a)pyrene	25.175	252	736294	63.38	ng	#	93
91) Dibenzo(a,h)anthracene	29.335	278	708182	55.10	ng	#	91
92) Benzo(g,h,i)perylene	30.498	276	706308	56.11	ng	#	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101921\
Data File : BG050636.D
Acq On : 19 Oct 2021 15:46
Operator : CG/JU
Sample : M4224-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 19 17:34:58 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 10:56:22 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
515-ZMSD

Manual Integrations APPROVED
mohammad
10/20/2021 1:54:02 PM